## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS Box Patent Application Alexandria, VA 22313-1450

Sir:



nonprovisional patent application of:
Qian YANG, Charles GAROFALO, Yogesh GUPTA, Ronald CASS, Kirk WILSON and Igor SUDUKHIN for Inventors
USING NEURAL NETWORKS FOR DATA MINING
Title of Invention
APPLICATION ELEMENTS ENCLOSED:
1. X Specification (total pages 28) including:
a. <u>6</u> pages of claims ( <u>25</u> claims)
b. <u>1</u> page Abstract
2. X 55 sheets of informal X formal drawings (Figs. 1A-10F)
3 Oath or declaration of Applicant(s) ( total pages)
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Item 14 completed)
4 Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b)
5. X Incorporation By Reference
The entire disclosure of the prior application is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by reference therein.
6 Microfiche Computer Program (Appendix)
APPLICATION PARTS ENCLOSED:
7 An assignment (cover sheet & document(s))
8 37 CFR 3.73(b) Statement (when there is an assignee)
9 Power of Attorney
a Newly executed (original or copy)
b. Copy from a prior application

10	Information Disclosure Statement (IDS)/PTO-1449								
	Copies of IDS Citations								
11	A Preliminary Amendment								
12. <u>X</u>	Return Receipt Postcard (MPEP 503)								
13	A small entity statement under 37 C.F.R. §1.9 and §1.27								
	Statement filed in prior application, status still proper and desired								
14. <u>X</u>	If a Continuing Application, check the appropriate box and supply the requisite information:								
	Continuation of prior application No.: 10/418,671 filed April 18, 2003								
	Divisional of prior application No.: filed								
	Continuation-in-part (CIP) of prior application No.: filed								
15. <u>X</u>	Amend the specification by inserting before the first line of page one:This is a X continuation								
application Serial No. <u>10/418,671</u> filed <u>April 18, 2003</u> which claims the benefit of Provisio									
	application Nos. 60/374,064, 60/374,020, 60/374,024, 60/374,041, 60/373,977 and 60/373,780								
	filed in the United States on April 19, 2002.								
16	Priority of application No(s) filed in on Applicant hereby claims priority under								
	35 U.S.C. § 119.								
	A certified copy of priority application No is enclosed								
	A certified copy of priority application No has been filed in prior application								
	S.N filed								
17	Other (identify)								
	Strict (Identity)								

The filing fee is calculated as follows:

## CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

		,			Rate			Fee	
	Number		Number		Small	Other		Small	Other
	Filed		Extra*		Entity	Entity		Entity	Entity
Total	25-20	=	5	×	\$ 9	\$ 18	=	\$	\$ 90
Claims									
Indep.	3-3	=	0	x	\$ 43	\$ 86	=	\$	\$ 0
Claims									
Multiple Dependent					\$ 145	\$ 290	=	\$	\$0
Claims Presented: Yes No_X									
If the difference in column 1 is less than zero,					Basic Fee			\$ 385	\$ 770
enter "0" in column 2					Total Fee				\$ 860

- 18. X A check in the amount of \$860.00 to cover the filing fee.
- 19. Please charge Deposit Account No. <u>03-3125</u> in the amount of <u>\$ 40.00</u> for recordation of the Assignment.
- 20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. <u>03-3125</u>.
  - X Filing fees under 37 C.F.R. § 1.16.
  - X Patent application processing fees under 37 C.F.R. §1.17.
  - The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b)..
- 21. X Three copies of this sheet are enclosed.
- 22. X Other (identify) Petition for Extension of Time and a check for \$2,010.00 for five month extension fee

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